

We Claim:

1. A method of scheduling multiple data flows for quality of service adjustment in a packet switched cellular system, comprising the step of:
coupling a first scheduling mechanism of a first cell with a second scheduling mechanism of a second cell.
- 5 2. The method of claim 1, wherein the step of coupling comprises the step of transferring data having a status information concerning a data flow to be handed over from the first scheduling mechanism of the first cell towards the second scheduling mechanism of the second cell.
- 10 3. The method of claim 1, wherein at least one of the first and second scheduling mechanisms is ensured by linking at least two schedulers each operating on a different protocol layer, wherein each protocol data unit of an incoming data flow to be transmitted is scheduled by a scheduler on an upper layer regarding pre-definable associated quality of service requirements into a priority list to be served by a scheduler of a lower layer.
- 15 4. The method of claim 1, comprising the steps of:
sending a measurement report comprising an information of the current quality of a radio link concerning a first cell, depending on the necessity to handover a user equipment from the first cell to a second cell based on a reported measurement;
transmitting a handover command message to involved entities;
20 terminating the scheduling procedure of the first cell for the data flows of the user equipment;
transmitting a status information for the data flows of the user equipment to the second cell; and
starting a scheduling procedure of the second cell for the data flows of the user
25 equipment.
5. The method of claim 1, comprising the adjusting of a data transmission rate for the user equipment in dependence on a data flow rate ensured during a preceding time thereby regarding a definable minimum value for the data transmission rate, a

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